

AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-4 (cancelled)

Claim 5 (currently amended): A lithium rechargeable battery, comprising:
a current collecting material; and
a conductor-mixed electrode active material, which is a mixture of an electrode material having lithium[Li] and a conductive material obtained by use of a ball mill without using a binder and without forming carbon layers, said conductor-mixed electrode active material is formed on a surface of said current collecting material.

Claim 6 (previously presented): The lithium rechargeable battery according to claim 5, wherein
said active electrode material having the lithium is lithium manganate whereas the conductive material is carbon.

Claim 7 (previously presented): A lithium rechargeable battery according to claim 5, wherein
a surface on the current collecting material in contact with an electrode layer is rough.

Claim 8 (previously presented): The lithium rechargeable battery according to claim 5, wherein

a current collector layer made of an electrical conduction assistant and an anchor material are between the current collecting material and an electrode layer.

Claim 9 (previously presented): A method of making a lithium rechargeable battery, comprising the steps of:

making a conductor-mixed active electrode material by stirring and mixing an active electrode material having lithium and a conductive material together with hard balls without use of a binder, and

attaching by a binder the conductor-mixed active electrode material onto a surface of a current collecting material to thereby form a positive electrode structure.

Claim 10 (previously presented): The method of making a lithium rechargeable battery according to claim 9, wherein

the active electrode material is lithium manganate whereas the conductive material is carbon.

11. (Deleted)

Claim 12 (previously presented): The lithium rechargeable battery according to claim 5, wherein

said conductor-mixed active electrode material has conductive material bonded

in a flocculent form on the surface.

Claim 13 (previously presented): The method of making a lithium rechargeable battery according to claim 9, wherein

aid conductor-mixed active electrode material has conductive material bonded in a flocculent manner on the surface.